

## CLAIMS

What is claimed:

1. An anomaly based methodology for information system application intrusion detection, the method comprising the steps of:
  - a. non-intrusive monitoring of user requests.
  - b. cataloguing of user requests to an application into an application profile database.
  - c. analysis including comparison of user requests to the application profile database to identify potential security threats.
  - d. format for reporting identified security threats.
2. A system for Information System application intrusion detection via three components to the system, comprising the following elements:
  - a. a sensor focused on extracting the characteristic elements of application users requests as defined by the Application Profiling methodology.
  - b. an Application Profile database that performs the cataloguing and analysis of user requests.
  - c. a reporter that communicates identified security threats.